

July 1, 1987

Dear Manufacturer:

CD-87-09 (LD)

SUBJECT: Supplement to the 1988 Model Year Light-Duty
Vehicle Application Format

This letter transmits to you the compilation of instructions for the preparation and submission of data forms for the 1988 model year light-duty vehicle certification and fuel economy programs (the 1988 model year supplement). The principal changes identified here have been implemented earlier in EPA computer programs as they became necessary by regulation changes. While most manufacturers are already aware of these changes and have incorporated them in their own certification and fuel economy programs, this supplement will serve as a complete compilation of those changes adopted beginning with the 1988 model year. The following briefly describes the major changes.

Changes to the Engine-System Information (ESI) Sheet for NOx Averaging, NOx Standards for Trucks, and High Altitude Idle CO Standard

New fields are added to the ESI sheet to identify (1) whether the engine family is elected to be included in the NOx averaging program, (2) the NOx truck standards the engine family is being certified by, and (3) the high altitude idle CO standard for the engine family. The 1988 model year supplement describes the procedures for use of these fields and the error checks performed.

Addition of the Measured Fuel Property Data Sheet

The Measured Fuel Property Data Sheet was developed to support the new regulations for measured fuel properties used to calculate the fuel economy for each test. The new calculation is required beginning with the 1989 model year for tests performed at the manufacturer's facility and is optional for the 1988 model year. The calibration (set of analytical results) for a batch of fuel for a laboratory test site is to be submitted using the Measured Fuel Property Data Sheet. A comprehensive set of documentation is enclosed which describes the use of this data sheet and the error checks performed.

Field Changes on the Manufacturer's Test Data Sheet

The addition of new fields on the Manufacturer's Test Data Sheet is documented in the 1988 model year supplement for Site Code, Fuel Batch or Container ID, and Fuel Calibration #(number). The field for Test Lab Code is removed and is no longer used. The Site Code identifies the laboratory test site where the test was performed. The Fuel Batch or Container ID identifies the fuel used in the vehicle for the test. The Fuel Calibration #(number) identifies the specific set of results of the analysis performed on the batch of fuel for the laboratory test site that is to be used to calculate the fuel economy for the test.

Availability of Computer Programs for use by Manufacturers With MTS Accounts

Two computer programs are available for use by manufacturers with computer accounts on MTS. The first program assists in the engine family name verification and determination of checksum digit, while the second calculates the fuel economy from test results. The section XII, titled "Other Report Programs", describes how these programs may be accessed and used.

A number of additional, less substantial changes have been made to improve clarity and ease data submission. Instead of providing a separate description of these changes, vertical bars have been entered in the right margin to identify text changed from the previous year.

The instructions in this supplement are effective immediately and are applicable until further notice. Should you have any questions regarding the 1988 model year supplement, or believe a workshop would be useful to facilitate its use, please contact:

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Sincerely,

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Enclosure